Index of Claims

| Application No.   | Applicant(s) | <u> </u> |
|-------------------|--------------|----------|
| 10/807,108        | CHEN ET AL.  |          |
| Examiner          | Art Unit     |          |
| John P Fitzgerald | 2856         |          |

| √ | Rejected | - | (Through numeral) .<br>Cancelled |
|---|----------|---|----------------------------------|
| = | Allowed  | + | Restricted                       |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cli  | aim      |          |           |          |              | Da                                  | te       |                |  |                           | ]   | Cla                       | aim       |                      | <u> </u> |         | Da                 | le              |          |           | ٦        | C        | laim       |          |        |          |          | Dat      | e                    |
|--|----------|----------|-----------|----------|--------------|-------------------------------------|----------|----------------|--|---------------------------|-----|---------------------------|-----------|----------------------|----------|---------|--------------------|-----------------|----------|-----------|----------|----------|------------|----------|--------|----------|----------|----------|----------------------|
| Final  | Original | 11/17/04 | 3/6/8     |          |              |                                     |          |                |  |                           |     | Final                     | Original  |                      |          |         |                    |                 |          |           |          | Final    | Original   |          |        |          |          |          |                      |
|  | 1        | 1        | Ξ         | ┢        | H            | T                                   | ╁        | +              | $\vdash$                                     | ╁                         | 1   |                           | 51        | $\vdash$             | +        | ╁       | +                  | +-              | ╁╴       | Н         | $\dashv$ | -        | 101        | _        |        | $\vdash$ | ┢        | $\vdash$ | $\vdash$             |
|  | 2        | 0        |           |          | ✝            |                                     | 1        | T              | 1  |                           | 1   |                           | 52        | <u> </u>             | 十        | _       | $\top$             | $\vdash$        | T        | П         | _        |          | 102        |          | _      | 1        | $\vdash$ |          | $\vdash$             |
|  | 3        | 0        | =         |          |              |                                     | Τ        |                | Ī  |                           | ]   |                           | 53        |                      | $\top$   | $\top$  | Т                  |                 | Π        |           | $\neg$   |          | 103        |          |        | $\vdash$ |          |          |                      |
|  | 4        | 0        | ===       |          |              | oxdot                               |          |                |  |                           | ]   |                           | 54        |                      |          |         | Τ                  | Г               |          | П         | 7        |          | 104        |          |        | Ì        | 1        |          |                      |
|  | 5        | <b>√</b> | L         | ·        |              | L                                   |          |                |  |                           | ]   |                           | 55        |                      | $\top$   |         | $oxed{\mathbb{L}}$ |                 |          |           |          |          | 105        |          |        |          |          |          | П                    |
|  | 6        | 0        | =         | L        | L            |                                     | L        | $oxed{oxed}$   |  |                           | ]   |                           | 56        |                      | Ι        |         |                    |                 |          |           | $\Box$   |          | 106        |          |        |          | Г        |          | П                    |
|  | 7        | 0        | =         |          | _            | ┸                                   | 丄        | 上              | 丄  | L                         | 1   |                           | 57        |                      | $\perp$  |         | $\perp$            |                 |          |           |          |          | 107        |          |        |          |          |          |                      |
| <u> </u>   | 8        | 0        | 111       | L        | L            | 1                                   | 丄        | ↓_             | ↓_   | ╙                         | 1   |                           | 58        |                      | ┸        | ┸       | _                  | <u> </u>        | L        | Ц         | _        |          | 108        |          |        |          |          |          |                      |
| <u> </u>   | 9        | 0        | Ξ         | <u> </u> | Ļ.           | <b>!</b>                            | ╄        | ↓_             | ــــــــــــــــــــــــــــــــــــــ       | ↓_                        | 1   |                           | 59        | ш                    | 4        | ╀       | ┸                  | L               | L        | Ш         | _        |          | 109        | _        |        | L        | L        |          | $\sqcup$             |
| <u> </u>   | 10       | 0        | Щ         | <u> </u> | ļ            | ┞-                                  | ╄        | ┺              | <u> </u>                                     | <b>!</b> -                | 4   | <u> </u>                  | 60        | Ц.                   | _        | 1       | _                  | <u> </u>        | ┖        | L         | _        |          | 110        | _        |        | L        | L        |          | $\sqcup$             |
| <u> </u>   | 1        | 0        | -         |          | ⊢            | ├-                                  | ╄.       | ↓              | <u>                                     </u> | ↓_                        | -   | <u> </u>                  | 61        | $\perp \!\!\! \perp$ | $\bot$   | +       | +                  | ┞               | ┡        | L         | _        |          | 111        | _        |        | L_       | L        |          | $\sqcup$             |
|  | 12       | Ó        | -         | <u> </u> | ⊬            | ├-                                  | ┼-       | ┼              | -  | ⊢                         | ļ   | <u> </u>                  | 62        | $\vdash$             | 4        | +       | ╀                  | ↓_              | ļ        |           | _        | -        | 112        | _        |        | L        | L        |          | $\sqcup$             |
|  | 18       | 00       | -         | -        | ┢            | ╀                                   | ╂-       | ⊢              | -  | -                         | ł   |                           | 63        | $\vdash$             | +        |         | ╁                  | ╄               | ļ.,      | $\sqcup$  |          |          | 113        |          |        |          | ļ        | _        | $\vdash$             |
| -  | 15       | 0        | Н         | _        | ⊬            | ┼                                   | ╂        | <del> </del> — | ╁  | ┝                         | 1   | <u> </u>                  | 64<br>65  | -                    | +        | +       | ┼                  |                 | <u> </u> | Н         | 4        | <u> </u> | 114        | 4        |        | _        | ╙        | _        | $\vdash$             |
| $\vdash$   | 16       | 6        | -         | -        | ├            | ├-                                  | ╀        | ⊢              | ⊢  | ┝                         | ł   |                           |           | -                    | +        | +       | ╀                  | ╀╌              | _        | $\vdash$  | -1       | <u> </u> | 115        | 4        |        | _        | 느        |          | $\vdash$             |
|  | 17       | )        | =         | _        | ├─           | ⊢                                   | ┢        | ╁              | ╀  | ┢                         | ┨   | $\vdash$                  | 66<br>67  |                      | +        | ╁       | ╀                  | ├               | <u> </u> | $\vdash$  | -        | ├        | 116        |          | _      | <u> </u> | L        | _        | <b>  -</b>           |
| <b></b>  | 18       | -        | -         |          | ⊢            | ⊢                                   | ┢        | ┢╾             | ├  | ⊬                         | ┨   |                           | 68        | -                    | ┿        | ╁       | ╀                  | ┝               | _        | $\vdash$  |          | <b>├</b> | 117        | $\dashv$ |        |          | Н        | _        |                      |
| <del>                                     </del> | 19       |          | Н         | _        | ┢            | ╁                                   | ┢        | ┢              | ⊢  | H                         | ┨   |                           | 69        | -                    | ╁        | ┿       | ╀                  | ⊬               | H        | $\vdash$  |          | <u> </u> | 118        | -        |        | _        | H        |          | ⊢⊢-                  |
| $\vdash$   | 20       | $\neg$   | Н         | -        | $\vdash$     | ├                                   | $\vdash$ | ⊢              | ⊢  | ┢                         | ┨   |                           | 70        |                      | ┿        | ┿       | ╁                  | ├               | -        | $\vdash$  |          | <u> </u> | 119<br>120 |          | _      | <u> </u> | H        |          | $\vdash \vdash$      |
|  | 21       |          | $\dashv$  | -        | ⊢            | ┢                                   | ┢        | ┢              | ┢╌   | ┢                         | ┨   |                           | 71        | -                    | ╁        | +       | +                  | ⊢               | -        | $\vdash$  | -        | -        | 121        | -        | -      |          | H        |          | $\vdash$             |
|  | 22       |          | $\exists$ | _        | H            | ┢                                   | ┢        | <del>  -</del> | -  | $\vdash$                  | 1   |                           | 72        | -                    | ┿        | +       | ╫                  | ╁               | H        | Н         |          | -        | 122        | -        | -      | -        | Н        |          | $\vdash$             |
|  | 23       |          |           | _        | <del> </del> | -                                   | 1        | 一              | $\vdash$                                     | -                         | 1   | -                         | 73        |                      | ╁        | +       | ╁╌                 | ┢               | Н        | Н         | $\dashv$ | -        | 123        | -        | -      | ├—       | -        | _        |                      |
|  | 24       |          | T         | _        |              |                                     | ı        | 1              | $\vdash$                                     | ┢                         | 1   |                           | 74        | $\dashv$             | ╅        | ╈       | ╁                  | ⊢               |          | $\vdash$  | $\dashv$ | -        | 124        | $\dashv$ |        | -        |          |          |                      |
|  | 25       |          | $\neg$    |          |              | Г                                   |          | 1-             | 1  | _                         | i   |                           | 75        | _                    | +        | ╁       | $\vdash$           | ╁               | -        | $\forall$ | ┥.       | -        | 125        | $\dashv$ | =      | -        | Н        |          | $\vdash$             |
|  | 26       |          | $\neg$    |          |              |                                     | T        | Г              | ┢  | _                         | 1   |                           | 76        | $\top$               | 1        | ╈       | -                  | ┢               | Н        | H         | ┥        | -        | 126        | $\dashv$ | ᅥ      | <u> </u> | Н        | -        |                      |
|  | 27       |          | $\neg$    |          |              | П                                   |          | Г              | Т  |                           | 1   |                           | 77        | $\top$               | ╅        | T       | <b>†</b>           | ┢               | Н        | $\vdash$  | ┪        |          | 127        | 1        | -      |          | Н        | $\neg$   | $\vdash$             |
|  | 28       |          |           |          |              | Г                                   | Π        | Г              |  |                           | ۱.  |                           | 78        | $\neg$               | 1        | +       | T                  | Т               |          | Н         | ╛        |          | 128        | -        | ᅥ      | $\vdash$ | Н        |          |                      |
|  | 29       |          |           |          |              |                                     | Г        |                | _  |                           | 1   |                           | 79        |                      | 7        | 1       | 1                  |                 |          | T         | 7        | $\vdash$ | 129        | $\dashv$ | $\neg$ | -        |          | $\neg$   | 一十                   |
|  | 30       |          |           |          | į            |                                     |          |                |  |                           | 1   |                           | 80        |                      | $\top$   | $\top$  |                    |                 |          |           | 7        |          | 130        | _        | _      |          |          |          |                      |
|  | 31       |          | $\Box$    |          |              |                                     |          |                |  |                           |     |                           | 81        | T                    | 1        | Т       |                    |                 |          |           | ٦.       |          | 131        | $\neg$   | $\neg$ |          | Н        |          | 一                    |
| ]  | 32       |          |           |          |              |                                     |          |                |  |                           | ]   |                           | 82        |                      | I        | Γ       |                    |                 |          |           |          |          | 132        | $\dashv$ |        |          | П        | _        |                      |
|  | 33       |          |           | ]        |              |                                     |          |                |  |                           | ]   |                           | 83        |                      | Ι        | $I^{T}$ |                    |                 |          |           |          |          | 133        |          |        |          | П        |          |                      |
|  | 34       | _        | $\Box$    | _        | Щ            |                                     | <u> </u> |                |  |                           |     |                           | 84        |                      |          |         |                    |                 |          |           |          |          | 134        | $\Box$   |        |          |          |          |                      |
|  | 35       | _        |           | _        | L.           | L                                   | <u> </u> |                |  | L_                        |     |                           | 85        | $\Box$               |          | Ĺ       | 匚                  |                 |          |           |          |          | 135        | $\Box$   |        |          |          |          |                      |
|  | 36       | 4        | _         | _        | L.,          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u> |                | <u> </u>                                     | <u> </u>                  |     |                           | 86        |                      | 1        |         | $oxed{oxed}$       |                 |          |           | _        |          | 136        | floor    |        |          |          |          |                      |
| -  | 37       | _        | _         | 4        | _            | <u> </u>                            | <u> </u> |                | _  | $\vdash$                  |     |                           | 87        | _                    | 1        |         |                    | $\Box$          |          |           | ┙        |          | 137        | $\Box$   |        |          |          |          |                      |
|  | 38       | 4        |           | _        | Щ            | $\vdash$                            | <b> </b> | Щ              | L-   | Щ                         |     |                           | 88        | $\dashv$             | ┸        | 1       | ┖                  | Ш               | Ш        | Ц         | _        | <u></u>  | 138        | _[       |        |          |          |          |                      |
|  | 39       |          | -         | 4        | Ш            | ш                                   | <b>—</b> | $\vdash$       | $\vdash$                                     | $ldsymbol{ldsymbol{eta}}$ |     |                           | 89        | $\bot$               | 4        | 1       | ╙                  | Ш               |          | Щ         | 4        | <u></u>  | 139        | $\perp$  |        |          |          |          | $\bot \Box$          |
|  | 40       | -        | $\dashv$  |          | Щ            | Щ.                                  | <b> </b> | <u> </u>       | Щ  | Щ                         |     |                           | 90        |                      | _        | 4_      | ـ                  | Ш               | Ш        |           | 4        | <u></u>  | 140        | 1        |        |          | $\Box$   |          | $\perp \!\!\! \perp$ |
|  | 41       | -        | -         |          |              | <u> </u>                            | <b> </b> | Ь.,            | $\vdash$                                     | <u> </u>                  |     | ļ                         | 91        | -                    | 4        | +       | $\vdash$           | Ш               | Ш        | 4         | 4        | <b></b>  | 141        | $\perp$  | _      |          | Ш        | _        | $\perp$              |
|  | 42       | -        | -+        | _        | -            | $\vdash$                            | ├        | Н              | <u> </u>                                     |                           | 1   |                           | 92        | -                    | ╀        | +       | ⊢                  | Ш               |          | 4         | 4        | <u></u>  | 142        | 4        | _      | Щ        | Щ        |          | $\bot$               |
|  | 44       | -        | $\dashv$  | -        | $\vdash$     | Н                                   | _        | Н              | Ь.   |                           |     |                           | 93        |                      | +        | +       | $\vdash$           | $\vdash \vdash$ | _        | 4         | 4        | <u></u>  | 143        | 4        | _      | Ш        | 니        | _        | _                    |
|  | 45       | -        | $\dashv$  | $\dashv$ |              | $\vdash$                            | H        | $\vdash$       |  |                           |     |                           | 94        | +                    | +        | +-      | $\vdash$           | Н               |          | $\dashv$  | -        | <b>—</b> | 144        | 4        | 4      | $\dashv$ | $\sqcup$ |          | -                    |
|  | 46       | +        | $\dashv$  |          | -            | Н                                   |          | Н              | $\vdash\dashv$                               | $\vdash$                  |     |                           | 95<br>96  |                      | +        | +       | $\vdash$           | Н               |          | -         | 4        | <u> </u> | 145        | 4        | 4      |          | $\sqcup$ |          | 4                    |
|  | 47       | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$     | $\dashv$                            | $\vdash$ |                | $\dashv$                                     | $\vdash$                  |     | $\dashv$                  |           | +                    | ╁        | +-      | -                  | $\vdash$        | 1        | -         | -        | ⊢        | 146        | 4        | 4      | _        | $\sqcup$ | 4        | $\dashv$             |
|  | 48       | $\dashv$ | +         | $\dashv$ | -            | $\dashv$                            | $\vdash$ | $\vdash$       | -  | Н                         |     | $\overset{\dots}{\vdash}$ | 97<br>.98 | +                    | ╁        | ╁       | Н                  | $\vdash \vdash$ | -        | -         | -        |          | 147        | 4        | 4      | _        | Щ        | _        | +                    |
| $\dashv$   | 49       | +        | +         | -        | $\dashv$     | $\dashv$                            | $\vdash$ |                | $\dashv$                                     |                           | }   | $\dashv$                  | 99        | -                    | +-       | +       | $\vdash$           | $\vdash$        | -        | -+        | -        |          | 148        | 4        | -      |          |          |          |                      |
|  | 50       | $\dashv$ | $\dashv$  |          | -            | $\dashv$                            | $\dashv$ | -              | -1   |                           |     |                           | 100       | -                    | ╁        | ╁       | ┢═                 | Н               |          | +         | -        | <u> </u> | 149        | +        | -      |          |          | -        |                      |
|  |          |          |           | _1       |              |                                     |          |                |  |                           | ı ( |                           | .,,,,     |                      |          | 1       | 1                  |                 |          |           |          |          | 150        |          | - 1    | - 1      |          | - 1      | - 1                  |